

*The  
United  
States  
of  
America*



PTO-1584

PTO UTILITY GRANT  
Paper Number 78

**The Commissioner of Patents  
and Trademarks**

*Has received an application for a patent for a new and useful invention. The title and description of the invention are enclosed. The requirements of law have been complied with, and it has been determined that a patent on the invention shall be granted under the law.*

*Therefore, this*

**United States Patent**

*Grants to the person or persons having title to this patent the right to exclude others from making, using or selling the invention throughout the United States of America for the term of seventeen years from the date of this patent, subject to the payment of maintenance fees as provided by law.*

*Bruce Lehman*

Commissioner of Patents and Trademarks

*Marjorie V. Turner*

Attest

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